

Art Unit: 2600

CLMPTO 09/22/04 JW

Cancel Claims 1-11 & 16, 19

Amend Claims 12,

12. (Currently amended) A method for use in a node of a network comprising:
storing location information of other nodes of the network, wherein said location
information comprises a global position represented by at least two coordinates,
exchanging the stored location information with adjacent nodes of the network,
and

The method of claim 1, wherein said node stores a local topology and said node
stores said location information of other nodes within and outside said local topology.

13. (Previously presented) The method of claim 12, wherein said node uses a
geometry-based routing protocol to transmit said location information to nodes outside
of said local topology.

14. (Previously presented) The method of claim 13, wherein said node
determines a distance from a destination node outside of said local topology to nodes in
said local topology using said geometry-based routing protocol and said location
information to identify the closest node in said local topology for routing to said
destination node.

15. (Currently amended) The method of claim 12-4, wherein said node
determines said coordinates from information received from a global positioning system.

16. (Cancelled)

17. (Previously presented) The method of claim 18, said local topology of said
node being nodes located within a predetermined number of hops from said node.

18. (Previously presented) The method of claim 17, wherein said local topology
of said node comprise a first set of nodes having a point-to-point link to said node and
a second set of nodes having a point-to-point link to a node in said first set of nodes.

19. (Cancelled)

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